U.S. Army Corps of Engineers
Honolulu District

PUBLIC NOTICE

Public Notice No. 200000358

Date: **August 15, 2001**

Reply to:

Respond by: **September 14, 2001**

Regulatory Branch (CEPOH-EC-R/W.Lennan)
U.S. Army Engineer District, Honolulu
Building 230
Fort Shafter, Hawaii 96858-5440

PN200000358
PROPOSED DREDGING OF A SMALL INLET
IN KANEOHE BAY, KANEOHE, HAWAII

1. **APPLICANT:** Safeway Inc.-Environmental Affairs, 5913 Stoneridge Mail Road, Pleasanton, CA 94588-3239

2. **APPLICABLE STATUTORY AUTHORITY:** Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403) and Section 404 of the Clean Water Act (33 U.S.C. 1344).

3. **LOCATION OF PROPOSED ACTIVITY:** Unnamed inlet, Kaneohe Bay, between Na Kao Place and Yacht Club Place, adjacent to a City and County of Honolulu waste water pump station, Kaneohe, Oahu, Hawaii.

4. **PROJECT PURPOSE AND DESCRIPTION:** Safeway Inc. intends to dredge from the inlet silt which is contaminated with a small amount of polychlorinated biphenyl (PCB). Table 1 contains the results of sediment testing in the inlet.

The PCB (Aroclor 1260) contamination originated from a leaking inactive transformer stored behind the Kaneohe Safeway store. The contamination was carried by a storm drain into the small inlet (Figure 1).

A hydraulic mudcat dredge will be used to remove an estimated total of 825 cubic yards of sediment from the inlet. The dredged material will be pumped through submerged high-density polyethylene (HDPE) pipe to a barge located outside the inlet in the east channel (Figure 2). The material will be pumped into geosynthetic tubes and dewatered by gravity (Figure 3). The dewatered sediment will be disposed at the Waimanalo Gulch land fill. The sediment meets the criteria for disposal at this upland site. This upland disposal action is not within the jurisdiction of the Corps.

The return water will be held in the barge, and later pumped through the HDPE pipe back into the inlet near the storm drain outlet (Figure 3). Any turbidity caused by the return water would be

contained by two sets of silt curtains. The first containment will be by the silt curtains near the storm drain. The second, by those which are to be placed across the mouth of the small inlet to contain turbidity from the dredging operation as part of the Best Management Practices (BMPs)for the project.

5. IMPACTS OF THE PROPOSED ACTIVITIES IF AUTHORIZED:

Unavoidable impacts of the proposed project would include temporary increases in turbidity in the immediate area of dredging and discharge of the return water. No long range adverse impacts are expected. A long range benefit will be the elimination of the PCB contamination in the small inlet. The applicant will be required to develop measures to control turbidity and protect water quality during the project before a DA permit can be issued.

6. IMPACT ON HISTORIC PROPERTIES:

No significant cultural or archaeological resources are known to exist within the small inlet. In the event that unanticipated or inadvertent discovery of historic properties occur during project execution, all work shall be stopped and the State Historic Preservation Office will be notified. This is a general condition that will be included in the Department of Army permit.

This notice has been sent to the State Historic Preservation Officer, the State Office of Hawaiian Affairs, Hui Malama I Na Kupuna, the Keeper of the National Register of Historic Places, and the Secretary of the Interior. Any comments they have regarding historic properties and cultural resources will be considered before a final decision is made on the permit.

7. IMPACT ON ENDANGERED SPECIES: The project will likely not have any effect on any proposed, candidate or listed threatened or endangered species. This notice is being sent to both the U.S. Fish and Wildlife Service and the National Marine Fisheries Services. Any comments they have concerning potential impacts to protected species will be considered before a final decision is made on the permit.

8. ESSENTIAL FISH HABITAT: No adverse impacts to essential fish habitat are expected. This notice has been sent to the National Marine Fisheries Service. Any comments they have concerning potential impacts to essential fish habitat will be considered before a final decision is made on the permit.

9. OTHER GOVERNMENT AUTHORIZATIONS/CERTIFICATIONS:

a. A Water Quality Certification will be required from the State of Hawaii, Department of Health, Clean Water Branch.

b. A Coastal Zone Management Federal Consistency Determination will be required from the State of Hawaii Office of Planning, Coastal Zone Management Program.

10. EVALUATION FACTORS: The decision to issue the permit will be based on an evaluation of the probable impacts, including cumulative impacts, of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including conservation, economics, aesthetics, general environmental concerns, historic values, fish and wildlife values, flood damage prevention, land use, navigation, recreation, water supply, water quality, energy needs, safety, food production and, in general, the needs and welfare of the people.

11. COMMENTS AND INQUIRIES: Recipients of this Public Notice or other interested parties may submit in writing any comments that they have on the proposed issue of the permit. Comments or written inquiries may be sent by FAX to (808) 438-4060, or by mail to the address above. Comments must reach this District no later than 30 days from the date of this notice. Written inquiries and comments should refer to permit number 200000358. Further information may also be obtained from William Lennan, telephone (808) 438-6986. This Public Notice is posted on the Honolulu District web site at http://www.pod.usace.army.mil/news/newsrel.htm/

11. REQUEST FOR PUBLIC HEARING:

Any person may request, in writing, within 30 days from the date of this notice that a public hearing be held to consider the proposed general permit reissue. Requests for public hearing shall state clearly and concisely the reasons and rationale for holding a public hearing.

Table 1. Sediment Data

Figure 1. Vicinity Map
Figure 2. Project Site Location
Figure 3. Hydraulic Dredge Concept

Table 1: Sediment Data

Location	Sample ID	Sampling Depth (inches)	Sampling Date	Aroclor 1260 Concentration[1] (ug/kg)
Culvert Mouth	SA	surface	11/15/99	4580
Culvert Mouth	S1	surface	07/22/99	609
Culvert Mouth	1	surface	01/18/00	80
Culvert Mouth	2	surface	01/18/00	785
Culvert Mouth	3	7.2	01/18/00	72
Culvert Mouth	4	surface	01/18/00	538 (463)
Culvert Mouth	5	7.2	01/18/00	<26
Culvert Mouth	6	surface	01/18/00	228
Culvert Mouth	7	9.5	01/18/00	42
Inlet	75-1	12	03/15/01	<40
Inlet	75-1.5	18	03/15/01	<31
Inlet	75-2	24	03/15/01	<33
Inlet	100-1	12	03/15/01	<50
Inlet	100-1.5	18	03/15/01	<45
Inlet	100-2	24	03/15/01	<36
Inlet	101-1	12	03/15/01	77
Inlet	101-1.5	18	03/15/01	<21
Inlet	201	surface	03/15/01	322
Inlet	201-1.5	18	03/15/01	<20 (<20)
Inlet	201-2	24	03/15/01	59
Inlet	201-2.5	30	03/15/01	81
Inlet	S00	c	02/23/01	220 (199)
Inlet	S60	c	02/23/01	258
Inlet	150	c	02/23/01	156
Inlet	SB	11.8	11/15/99	<51
Inlet	SC	11.8	11/15/99	<216
Inlet	SD	surface	11/15/99	725
Inlet	S2A	surface	07/22/99	241
Inlet	S2B	nd	07/22/99	231
Inlet	S8	surface	07/22/99	572
Inlet	S9	surface	07/22/99	562
Inlet Mouth	S20	surface	02/05/01	205
Inlet Mouth	S21	surface	02/05/01	187
Inlet Mouth	S23	surface	02/05/01	213
Inlet Mouth	S24	surface	02/05/01	125
Inlet Mouth	S26	surface	02/05/01	175
Inlet Mouth	S27	surface	02/05/01	155 (161)
Inlet Mouth	SS1	2.0	02/23/01	<28
Inlet Mouth	SS2	12.0	02/23/01	196
Inlet Mouth	SS3	12.0	02/23/01	47
Channel - west	S15	surface	02/05/01	<24
Channel - west	S16	surface	02/05/01	<28
Channel - west	S17	surface	02/05/01	<25
Channel - west	S18	surface	02/05/01	<23
Channel - west	SK	nd	11/15/99	<318
Channel - west	SL	nd	11/15/99	<27
Channel - west	SO	nd	11/15/99	<30
Channel - west	SG	surface	11/15/99	92
Channel - west	SH	nd	11/15/99	184
Channel - west	SI	surface	11/15/99	<379
Channel - west	S3	surface	07/22/99	125
Channel - west	S22	surface	02/05/01	67
Channel - west	S25	surface	02/05/01	369
Channel - west	S28	surface	02/05/01	67
Channel - south	S19	surface	02/05/01	40
Channel - south	SE	surface	11/15/99	<39
Channel - south	SF	surface	11/15/99	203 (164)
Channel - south	S5	surface	07/22/99	<34
Channel - south	S6	surface	07/22/99	<50
Reef flat	SJ	surface	11/15/99	<29
Reef flat	S4	surface	07/22/99	50
Reef flat	S7	surface	07/22/99	51 (46)

Notes:

c = Composite from six samples: three surface and three subsurface between 7 and 16 inches deep.

nd = depth not determined.

R = replaced by sample with lower detection limit. SK replaced by S15 and SI replaced by S16.

1. Number in parentheses is duplicate.

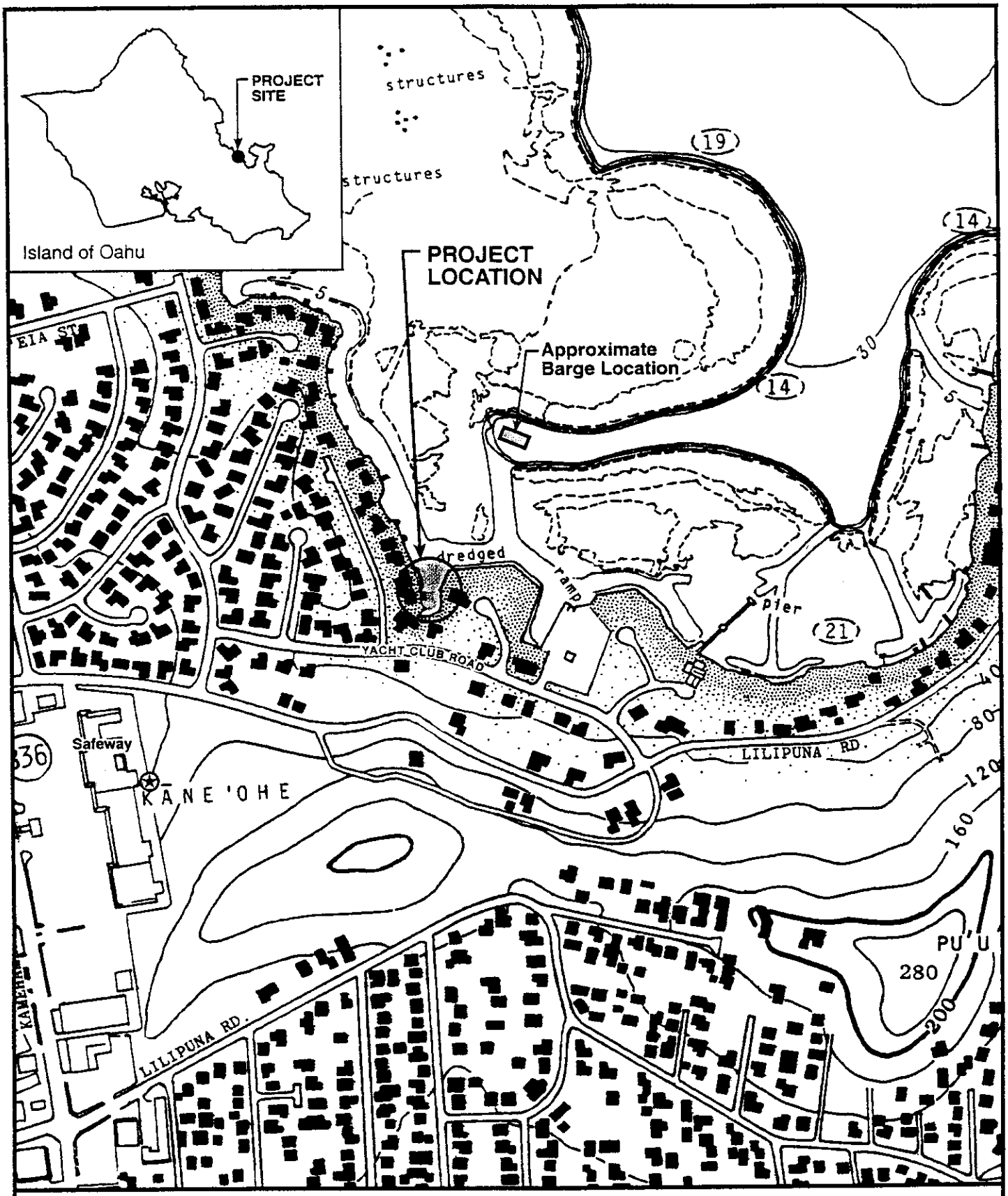


Figure 1
VICINITY MAP

NORTH

0 250 500
SCALE IN FEET

LEGEND
⊛ Location of PCB release

Safeway PCB Cleanup
Belt Collins Hawaii
July 2001

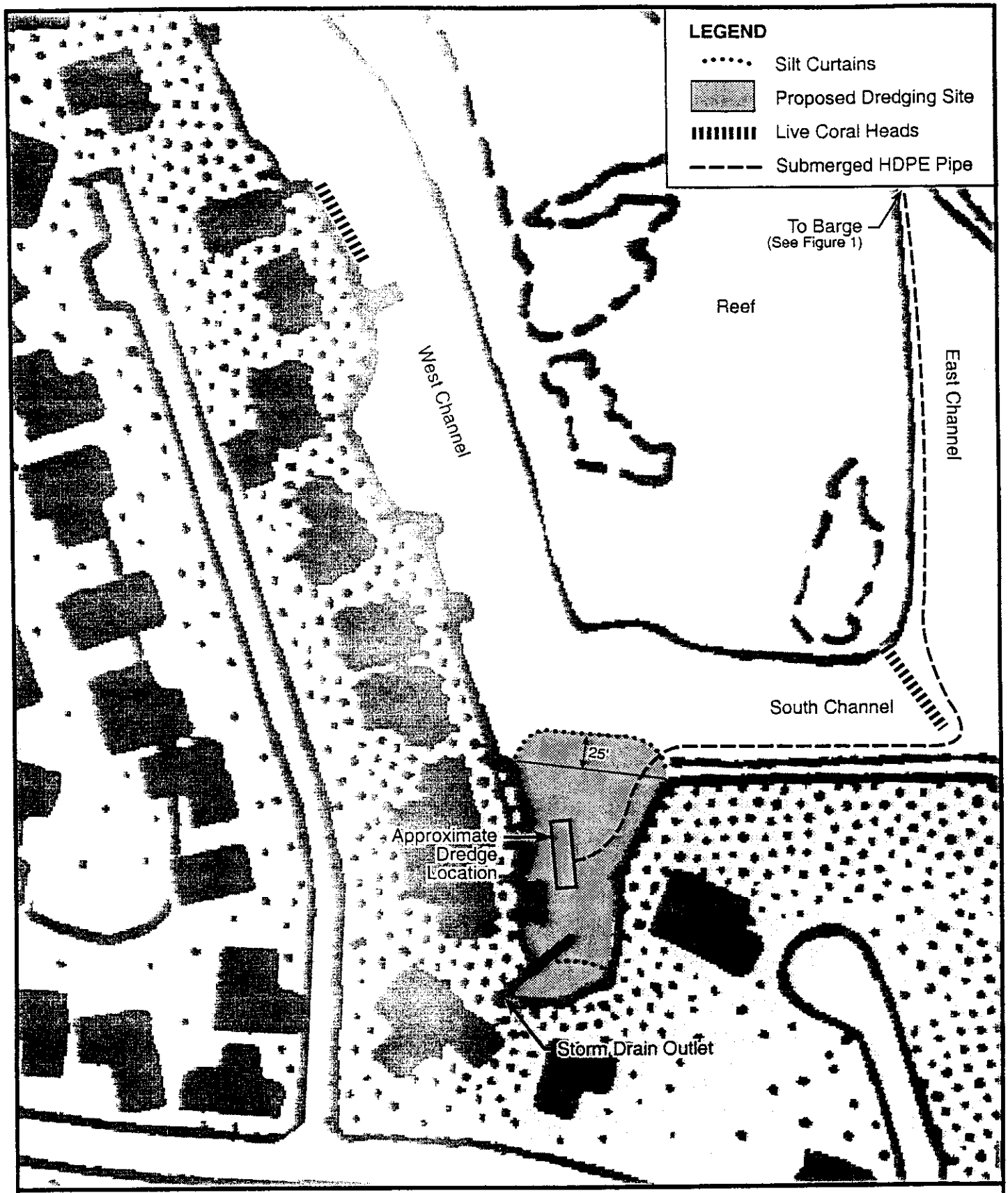
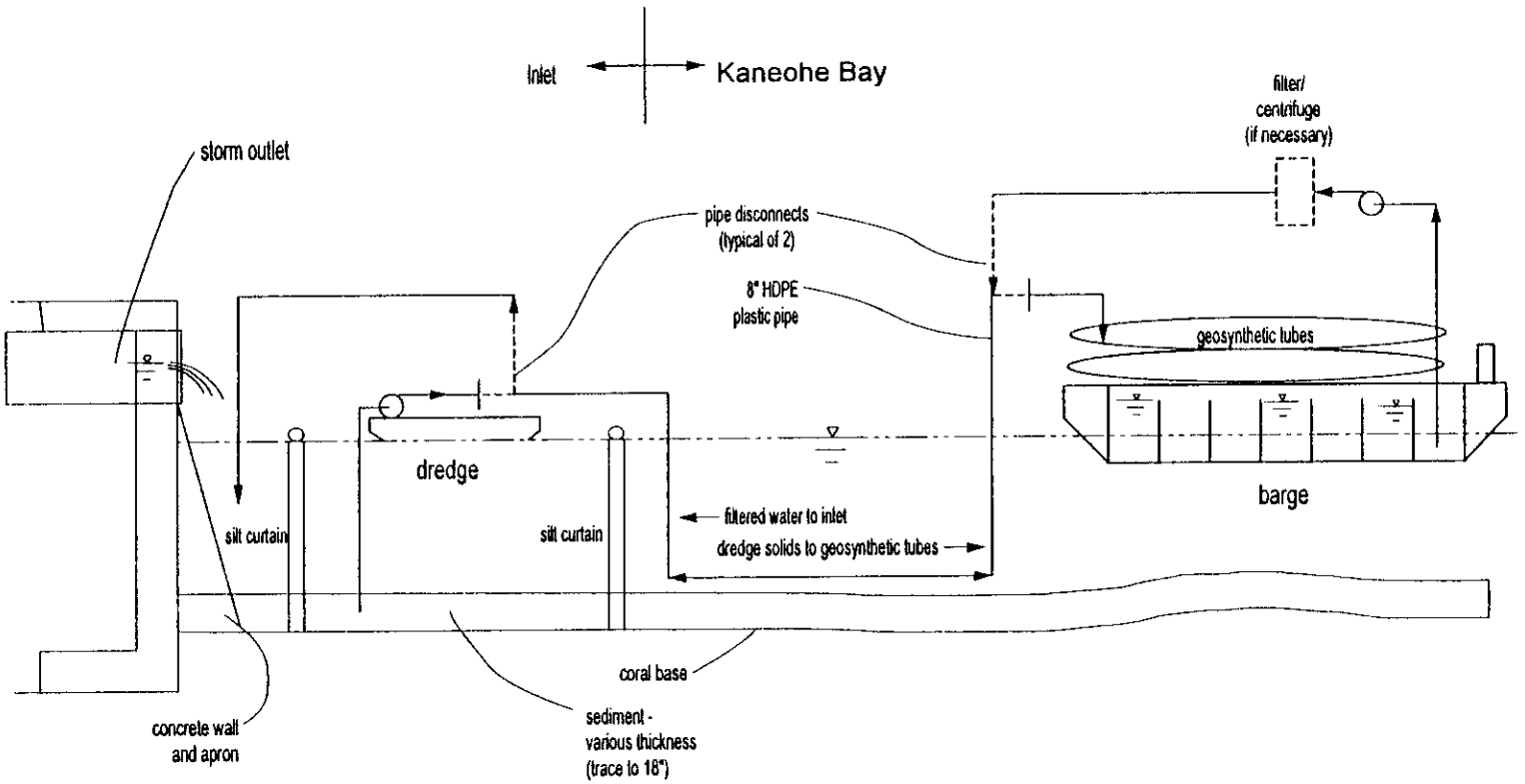


Figure 2
PROJECT SITE LOCATION

Safeway PCB Cleanup
Belt Collins Hawaii
July 2001



Source: Miller Engineering

Figure 3
HYDRAULIC DREDGE CONCEPT

Safeway PCB Cleanup
Belt Collins Hawaii
July 2001

U.S. ARMY ENGINEER DISTRICT, HONOLULU
ATTN: CEPOH-EC-R, Regulatory Branch
Building 230
Fort Shafter, Hawaii 96858-5440

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